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PHOTOGRAPHIC INTERPRETATION REPORT



**TYURATAM  
MISSILE TEST CENTER  
LAUNCH COMPLEX F**

25X1

SEPTEMBER 1967

COPY 116

7 PAGES

25X1

Declass Review by NIMA/DOD

GROUP 1: EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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## PREFACE

25X1D

This report is one of a series prepared in response to CIA Requirement C-DI5-82,776 (Revised) requesting detailed line drawings, to scale, of elements of the Tyuratam Missile Test Center (TTMTC). The information contained herein is based on [ ] photography through [ ]. Individual reports will be updated periodically to reflect changes observed on subsequent photography.

The precision target plot included in this report is a mathematically rectified projection of the area. Plots are compiled by utilizing precision mensuration instruments, and image interpretation is performed with the aid of stereoscopic viewing equipment. Identifiable image points are measured and their coordinate values mathematically transformed by computer. This transformation corrects for camera and attitude (pitch, roll, and yaw) induced distortions but does not correct for displacement due to ground relief and object height.

This target plot represents the most accurate data compiled to date, but the user is cautioned to exercise care in scaling distances or determining azimuths from this plot, inasmuch as relief can introduce errors in distance and alignment. The dimensions given are accurate to within plus or minus 5 feet or plus or minus 5 percent, whichever is greater.

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## TYURATAM MISSILE TEST CENTER

## LAUNCH COMPLEX F

Launch Complex F (Figures 1 and 2) is located at 46-01N 063-05E, approximately 25 nm north-northwest of the Main Support Base and 11.8 nm northwest of Launch Complex A. First evidence of construction of the complex was in [ ] when it was in the early stage of construction.

There was no evidence of construction in [ ]

The launch facility is the prototype of Type IIIB launch sites deployed at the Kozelsk and Omsk ICBM Complexes, and is considered to have been complete in [ ] The irregularly shaped launch area, which is enclosed by a double security fence, contains a heart-shaped loop road enclosing 3 launch silos and a control bunker. The legs of a plus-shaped interferometer intersect at the control bunker, and hardened antenna positions are located near the intersection and at the extremities of the legs.

A possible spray pond is located forward, and just to the left, of the 3 launch silos [ ]

[ ]

Although probably complete in [ ] modifications or repairs have been observed at Launch Complex F since then. On [ ] [ ] a sloping linear excavation approximately 350 feet in length extended from the west end of the loop road to a point forward of the center silo. An unidentified rectangular object was observed at the end of the excavation nearest the loop road.

Ten support-type buildings, which were constructed between [ ] [ ] were located on the east side of the complex. The buildings were still present in [ ] but had been removed by [ ]

The legs of the plus-shaped interferometer were repaired or modified, as evidenced by the open ditching observed along their lengths in [ ] [ ] There was no evidence of this work in [ ] [ ] and the first evidence was noted in [ ] when open ditching extended along the east leg. The ditches were probably closed [ ] and were positively backfilled in [ ]

Numerous small unidentified objects are located randomly on and near the hardstand surrounding the launch silos. These were first observed in [ ] [ ] but the resolution of earlier photography does not permit dating their installation.

The launch area originally was enclosed by double security fences spaced approximately 20 feet apart, and these remained unchanged in [ ] [ ] the spacing between the security fences had been increased to approximately 135 feet, and the area between the fences had been graded. An open ditch, aligned approximately midway between the fences, circuits the site. The ditching and grading between the fences possibly could be for the installation of an electronic-sensing type of security device.

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An excavation approximately 90 by 60 feet has been dug at a point approximately 150 feet east-northeast of the large building on the east side of the access road. Spoil has been piled on the north and west sides of the excavation. First evidence of this construction was observed in [REDACTED]

[REDACTED] Two small excavations are along the roadway connecting the loop road with the southwest corner of the hardstand around the launch silos; these were dug between [REDACTED]

REFERENCES

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REFERENCES (Continued)

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MAPS OR CHARTS

AMS DESPA, Series 2, Sheet NL 41A/1, 1st ed, Oct 64, scale 1:50,000 (TOP SECRET

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RELATED DOCUMENTS

1. NPIC. R-144/62 *Launch Complex F Tyuratam Missile Test Center, USSR*, Oct 62 (TOP SECRET
2. NPIC. R-172/63 *Launch Complexes D, E, and F Tyuratam Missile Test Center, USSR*, Aug 63 (TOP SECRET

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REQUIREMENT

CIA. C-DI5-82,776 (Revised)

NPIC PROJECT

11055/66 (partial answer)

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